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2005 / 8 /3

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52		(5)
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69		(9)
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114		(15)
117		(16)
126		(17)
131		(18)
139		(19)
140		(20)
147		(21)

29	1995- 1953	(1)
31	. 42	(2)
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66		(5)
66		(6)

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34		(3)
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59	.	(5)
101	.	(6)
132	.	(7)

73	.	(1)
78	.	(2)
86	.	(3)
88	"	(4)
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138	.	(11)

ADS	
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streptococci

form

.staphylococci arigenoza

Staphylococci

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(Koly, 2003)

(2003)

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ENVIRNMENT

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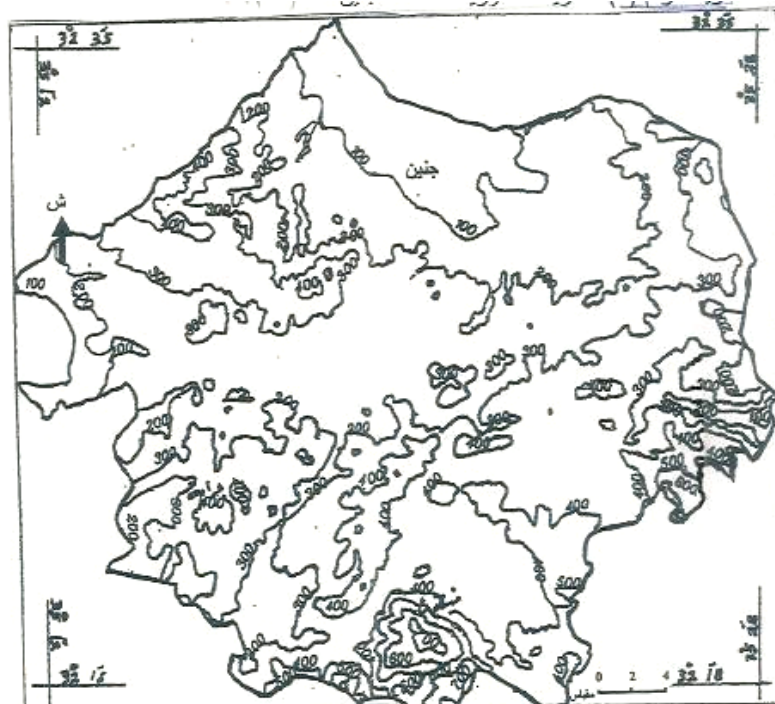
.1 .2 .3 .

Water she

650 500

400 100

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(2003/1981

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42

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42

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34.2	21.1	65	8.6	10	23.7	
33.2	19.8	64	7.2	9.1	20.4	
30.6	16.1	65	5.4	8.1	16.2	
25	11.8	66	6.1	6.8	12	
18.8	8.7	74	7.5	5.4	9.6	

778

528

)

286

.(1995 –1953

(10)

%80

(10)

% 3 2 . (4)

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(11)

%12

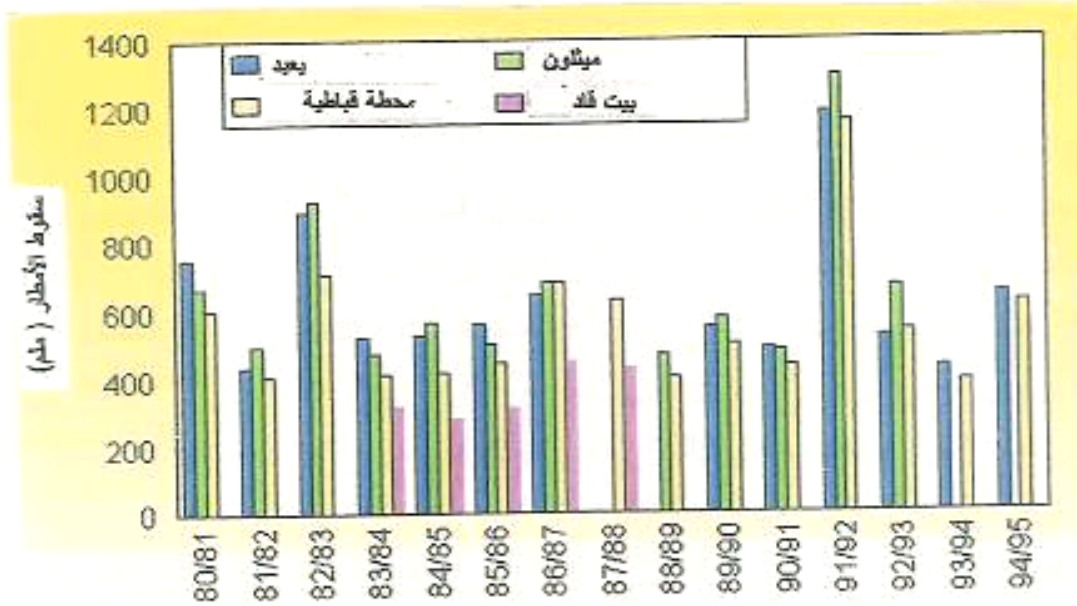
(1)

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1953/1952

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(1996)) :

463

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18

60

1417 .5

1992/1991

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68

716 6

1996 1983

1992

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27 .1 42

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33 .6

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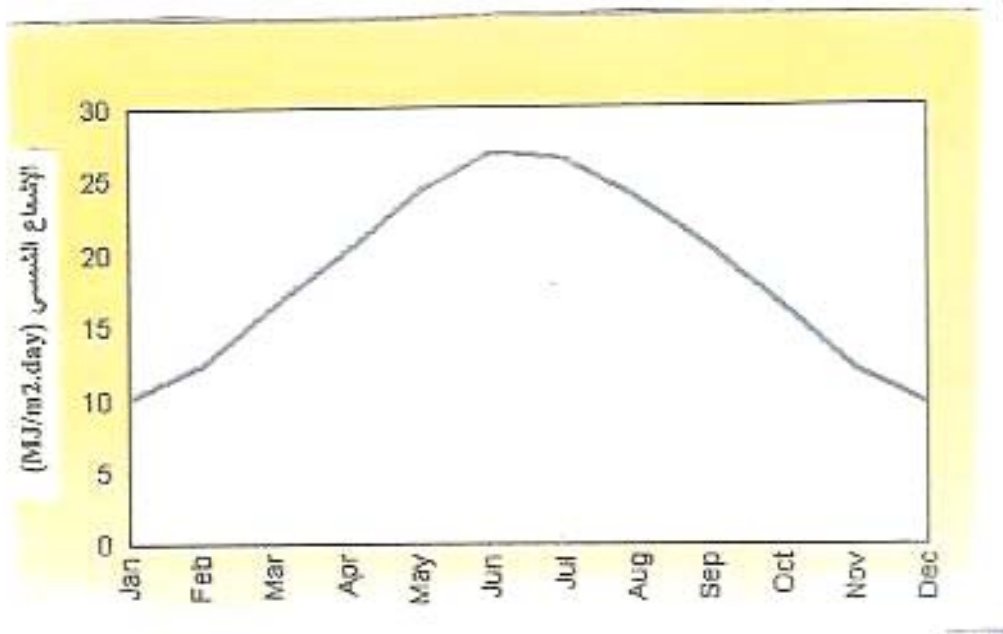
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5 .8 10 .8

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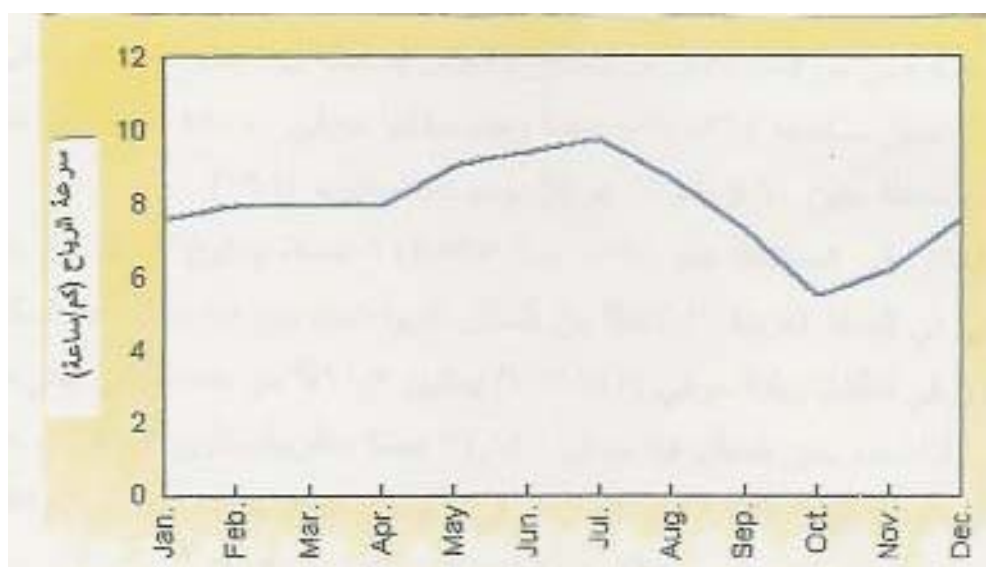
(1996) :

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/ 9 2

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((1996)) :

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2. 62 %

(5)

39%

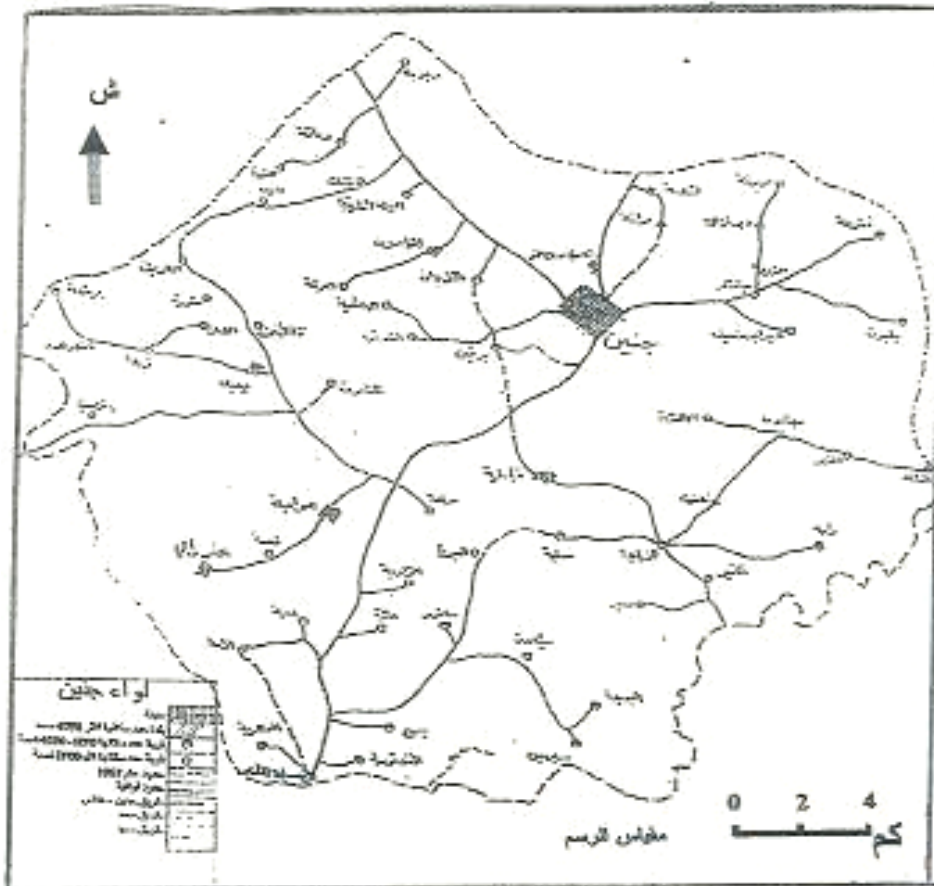
84%

7. 63 %.

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 . 57000 835 214
 .(1984) 17 60
 %11 184.735 : 1996
 . 15 %43.4 .
 %61.7 (113.992)
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 %4.4 %27.6 8.186 50.937
 .(1996)

(3)



(2003/1981

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%81.8

%88

%36.9

(2)

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() : (2)

%	%	%	
13.4	10.6	7.0	99.0
6.37	35.8	33.2	1.99- 1.00
28.5	30.0	32.6	2.99-2.00
20.6	23.6	27.3	3
2.1	1.7	2.3	

1992 (1994)

1996 3.947 7.88
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1996

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% 3 8-1

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126
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 % 5,5 69 %11
 .(1996)
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1994
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1945
 1967/1966
 .(1984) 3484 1967/1966

224 .
) 65 43 116
 15 71 138 .(1995
 .()
 15 . 55.104

2.2 .(1996) %82.7

) 1995/1994 :(3)

(1995)

123	2221	24810	2245	
175	1470	22311	2047	
298	3691	47121	4292	

/ :(4)

.(1995) .

35	32	
28	35	
35	33	

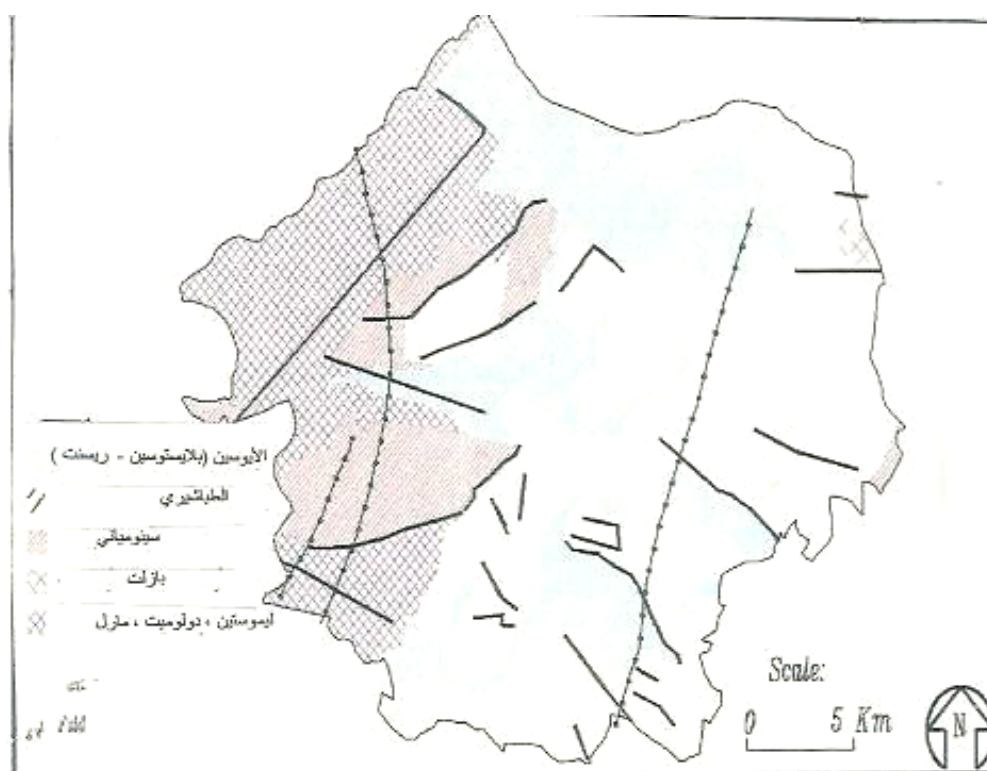
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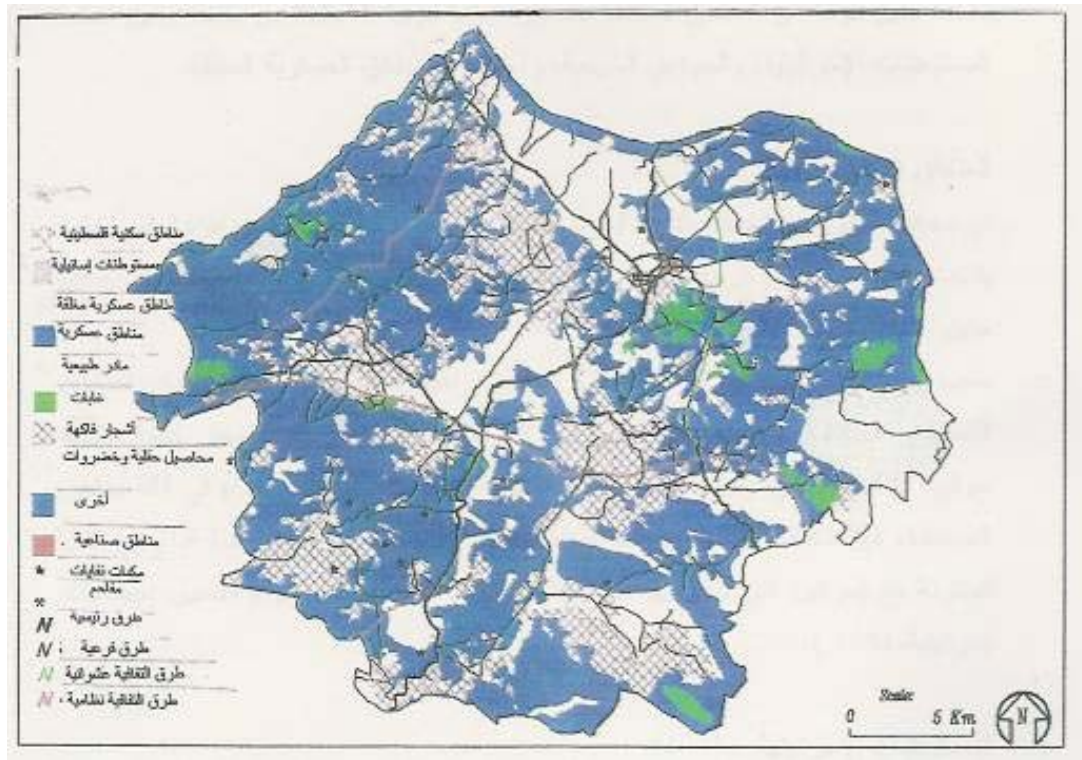
1995

(3.3)

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(4):



(1996) :

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3048 3.3 (%53.18)

%45.63 :

(3.3).

.(3.3)

%3.82

%10.25

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78

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%3.82

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2 / 322

) 2 / 242.4

.(1994

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%0.24)

140

11

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(%0.28) 160

120

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382

77

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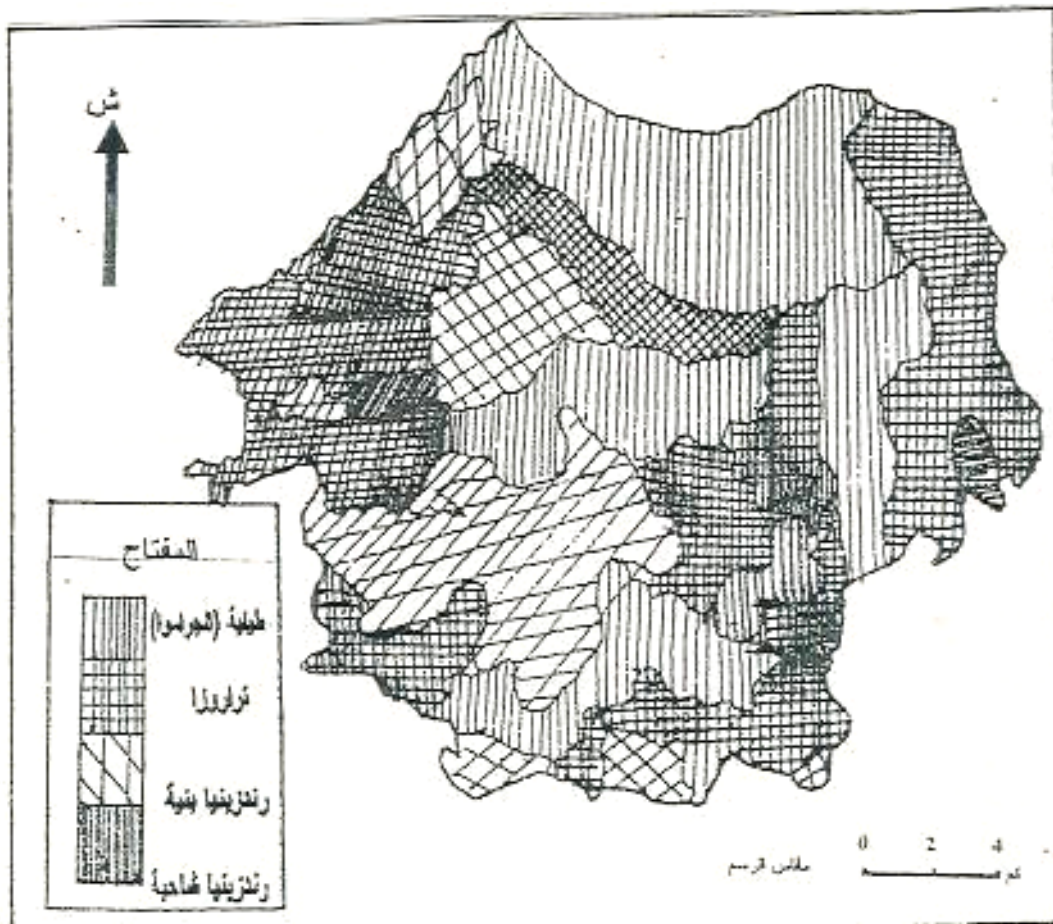
.(1996) 50

14

:(5)

3.82	2.188	
0.24	140	
0.28	160	
0.21	120	
3.94	2260	
1.90	1093	
67.90	38918	
21.70	12435	
100.00	57314	

3.3 :



(2003/1981

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Terrarossa : -1

%50 (286990)

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(1999)

%75

.(1999)

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: **(Randzina) -2**

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(113970)

- (2) (0.5)

.(1999)

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Grumasols : -3

(3) (167500)

.(1999)

(4) (6)

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(6):

كمية الإسطر (ملم)	الخصائص العامة	التصنيف الأمريكي	مجموعات التربة (ماربوت)
700-400	المادة الأصلية المكونة للتربة هي الدولميت والحجارة الجيرية القاسية. عرق التربة يتسرع بين (٠,٥-٢م) درجة الرطوبة تكون عميقة في أعلى التلال وسطحية عند المنحدرات الجبلية، التربة تكون حمراء بنية اللون متخذة شكل قائي أو متعدد الزوايا	تربة حديثة جافة شاحبة تربة جافة بسيطة	التربة الحمراء البنية الحمراء الشاحبة
700-600	لها لون أحمر - بني. التربة مملكة، المنس طليبي أو صلباني. ٣٠% ملته حجارة، المادة الأصلية المكونة هي الطباشير الناعمة أم المرل تربة حمراء داكنة وطينية. مع الحدز أو ميلان خفيف. التربة الأصلية هي الحجرية أو صخور وحجر المرل والطباشير	تربة جافة حديثة تربة جافة بسيطة	التربة البنية والحمراء الشاحبة
700-600	غنية بالتربة الكلسية والتربة الرمادية - البنية الغرينية أو اللاتجة من الطمي. المادة الأصلية هي الطباشير وحجر المرل	تربة جافة حديثة تربة جافة بسيطة	الحمراء الشاحبة
700-300	المادة الأصلية المكونة تربة الطمي والارسلات الريحية Aeolian.	تربة جافة متقلبة	الحرارو

2001/5/26

%49 () 30-

% 6.8 – 4.7

PH () %44-31.3

PH %7.54

PH

(6.5-5.5)

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15

(1999)

(/)

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(1996)

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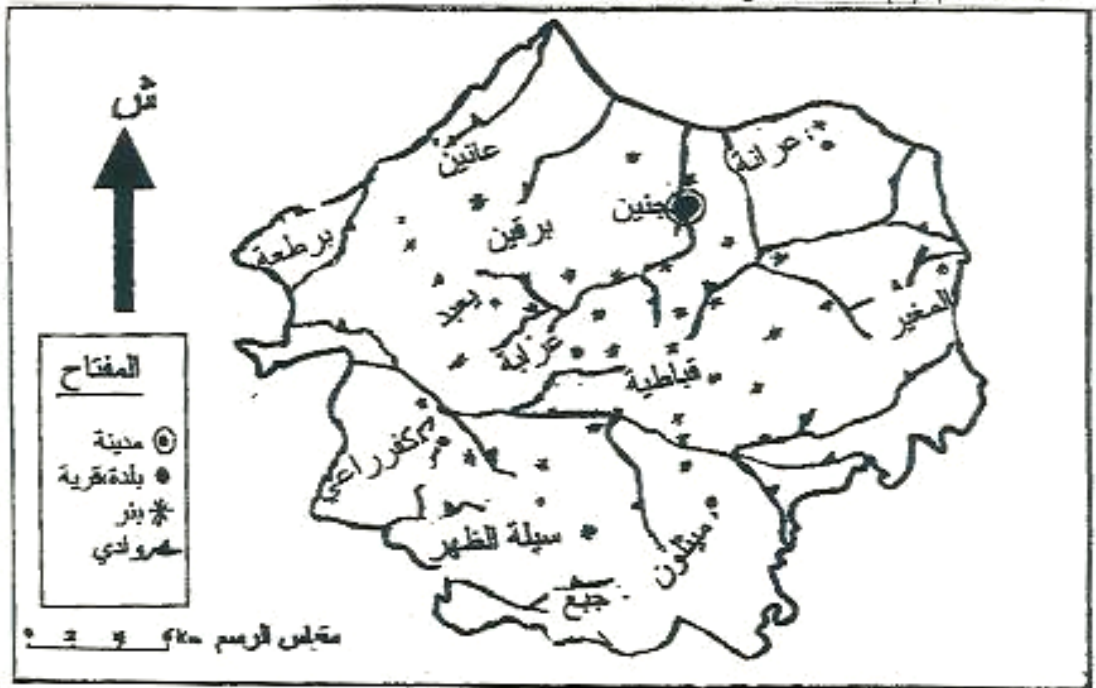
(3 1.250) %10
(1995) .

58

63

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2000

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1996 :

1.4

(1995) 2

933

4

200-150

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 / 10000 .1994 /1993-1971/1970
 . /3 225000 / 103000
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 aquifer
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 115 30 (

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0.123	0.117	
2.373	4.039	
2.496	4.156	

%40

/3 4.16 1.177.9

/3 7

25000

(1995) : (8)

(3)	(3)	(3)	()	(3 /)		
11.70	0.2	9.0	13100	5.20	180400	1990
92.42	0.6	74.7	108700	17.12	311340	2000
134.07	1.2	101.4	158600	31.47	426610	2010
172.60	1.9	128.1	208500	42.60	546100	2020

1/c/d 79

213 200 150 2020 2010 2000 .3 687

687 2020 2010 2000 .l/d

.3 614 639

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3.4 . 50

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UNDP

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1997

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41

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.7.6 6.5

8.5 6.5

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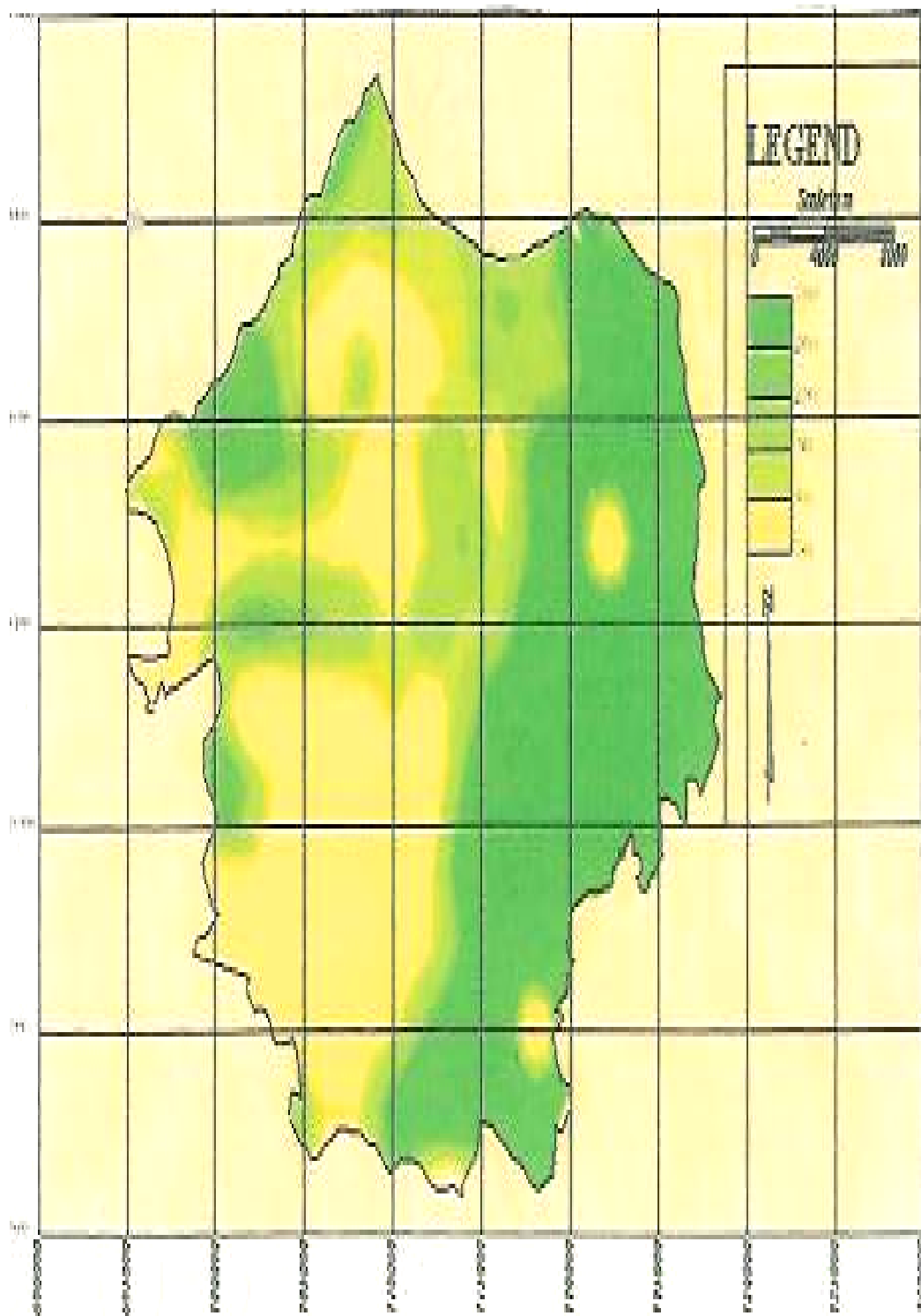
374

%36

300

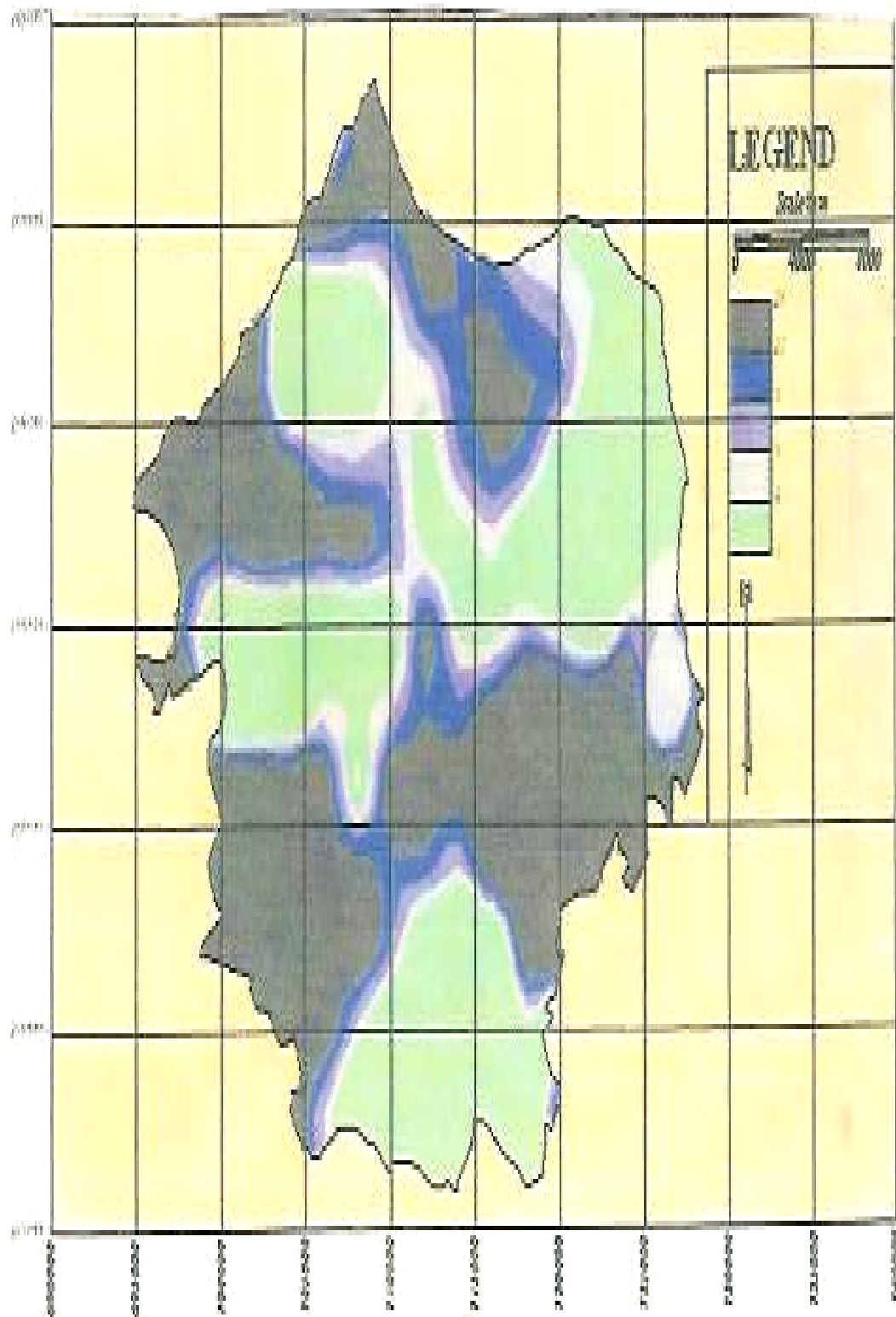
.(1955)

:(5)



1996 :

:(6)



1996 :

(403) :

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500 350

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700-600

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130

%36 %31
 .%22 % 16

1994/1993

(%96 9) (1994) 38 918
 .% 3 .1

:(9)

.1994 /1993

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18.8	169.3	752.2	
83.1	73.7	80.8	
101.9	243.0	833.0	

(1995)

/ 900

.1994 /1993 / 1200 – 1000

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94/93

(% 54 .6) 51 520 .9 (%16 .3) 6326 .8
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(5.5)

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giant

/ 2000 94/93 .

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94/93

/ (5000) / (12500)

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37,7

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(940,3)

%74

Squash

45 / 50

/ 30

/ 43

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3350

37,7

Jews mallow

1994

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. Jews mallow : / 30 / 100

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%52 95/94 (ARIJ)

%13 % 30

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25 . Canopy

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% 62,7 .3 7,1 94 /93

% 3,5

% 33,8

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Ceratonia siligua , Styrax

Calliprios, Querens lentiseus

37

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officialis ,

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1952

:(1)



Photo 2- Forests Maar Va'had

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94 /93

%18,6

30,4

19

% 22 1,5

% 22 (4) % 31 (1,9)
(1994) (2,5)

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74,300

7950

% 1

% 80

24020

% 19

.(1994)

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1443

1963

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1,291,000

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145,450

120

.(%17 % 83)

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1994

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% 12.5

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%40-30

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/3 240

3.6

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16480

1994-1993

52

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(1995) :

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2-4

%71

%97

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%1

%3

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					3-4
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%20.95					16
		%0 .0325		%78.8	
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500	0.002				
	Total Solid Particles				
					10-0,1

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% 80 - 60

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:(3)



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99.9 %0.1

4.3 /3) .

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600

/ 3700 1200 / 2000

/ 300-200 . / 200 40

. / 500-400

:(10)

1/	1/	TSS 1/	BOD 1/	COD 1/	PH
700	1.400	1.088	1.100	1.440	7.5
	1/	1/	1/	N 1/	1/
	15.3	46	0.2	41.4	182

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26

26582

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3.7	

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%60

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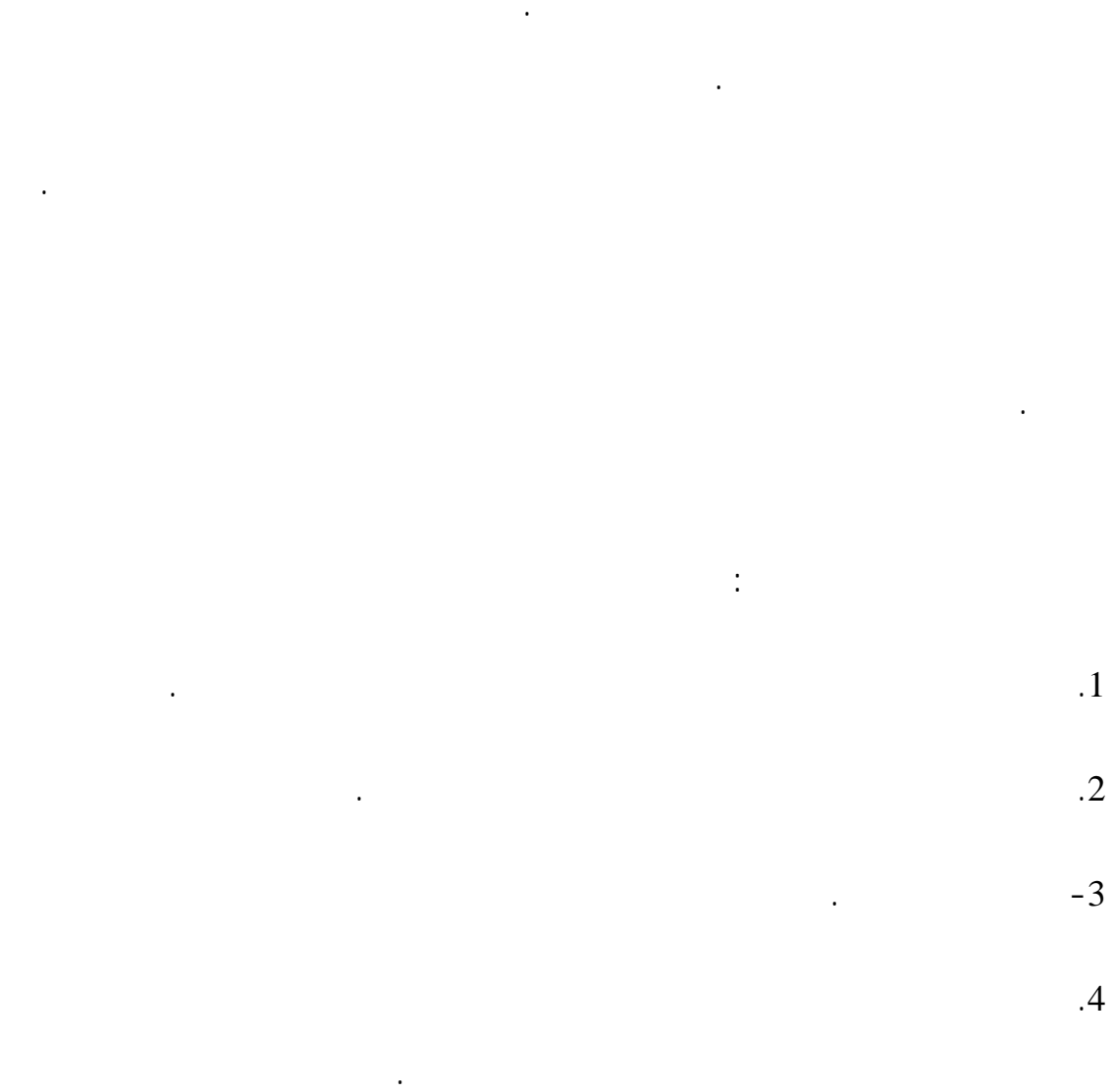
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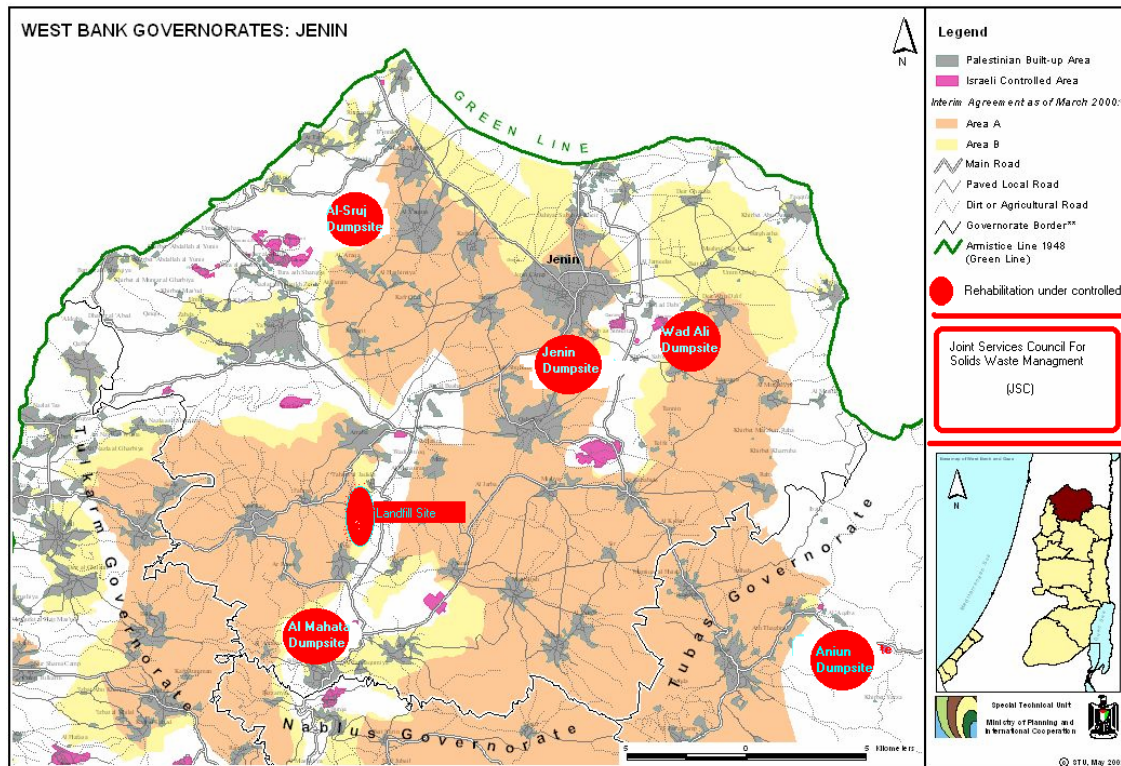
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20	24	35118			3
87	10	13000			4
15	8.4	3939		()	5
5	8.7	12492			6
5	6	6800			7
49	9.2	11544			8
2	2	2687			9
5	4.3	6957			10
4	2.3	3816			11

	()				
7	6	7453			12
5	1.1	1719			13
2	2.3	2863			14
3	2.3	3814			15
6	1.4	2332			16
4	1.2	1881			17
2	1	1601			18
3	0.4	650			19
2	0.4	638			20
3	0.4	637			21
	1.5	2513			22
	15	1819)	23
3	3,1	4390			24
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Occupational Health : -

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21 .2	313	8	80	65	70	90	
46 .4	687	1	225	87	164	210	
23 .7	351	25	245	2	25	54	
4 .9	72	6	55	5	3	3	
2 .9	57	-	7	45	-	5	
100	1480	40	612	204	262	362	
	100	2 .7	41 .4	13 .8	17 .7	24 .5	

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(15)

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%46 .4

%4 .9

% 21 .2

%2 .9

% 41 .4

%24 .5

%13 .8

%17 .7

%. 2 .7

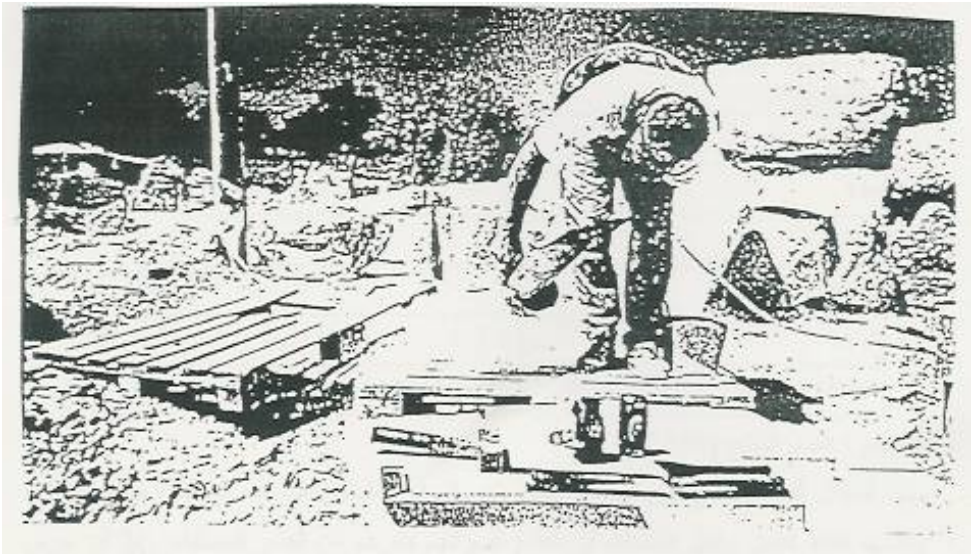
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115

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2004

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49

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(24596)

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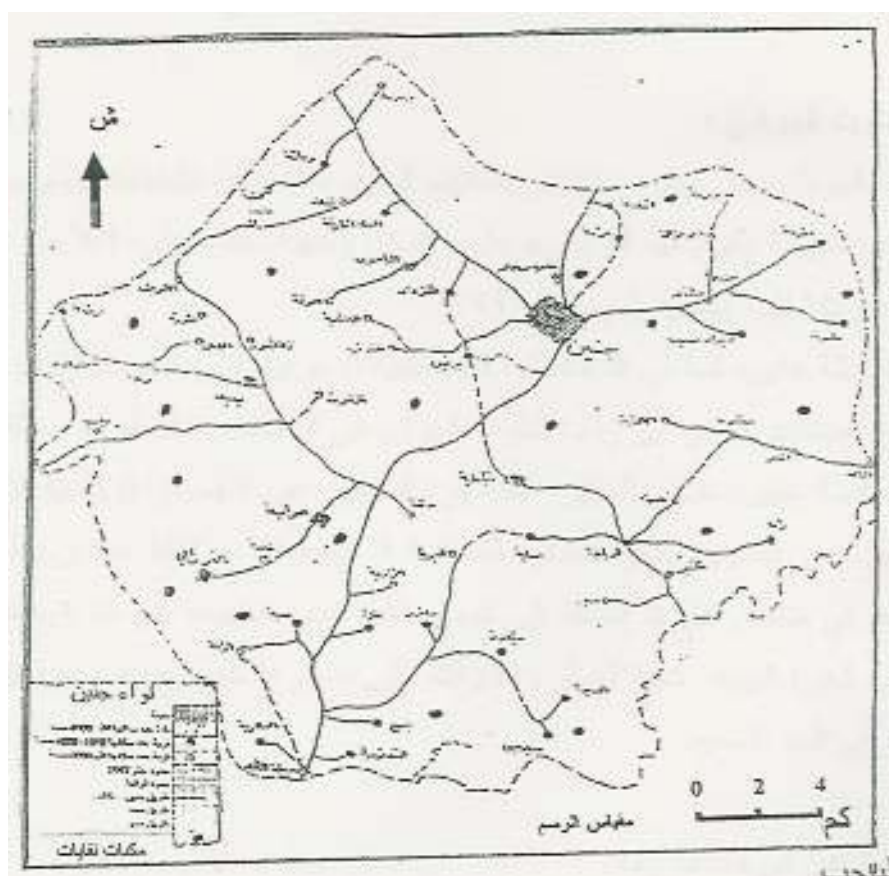


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 %95-90
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 30 0.0 / 170.6
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:(18)

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(10 – 0,1)

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(CO) :

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(CO₂) :

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(320 – 303)

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(SO₂) :

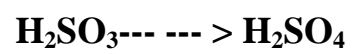
(1995)

(SO₂)

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(Photochemiccal Smog)

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14.278	1.184	49	1.903	174	72	2.668	8.228	

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:(20)

Pd (u /)	VOC (u /)	NOx (u /)	Sox (u /)	CO (u /)	(U)		
0.13 0.15 0.19	3.86 3.86 3.86	1.64 1.87 2.25	1.9 2.22 2.74	45.6 45.6 45.6	1000	<1400 1400- 2000 >2000	1971
0.11 0.13 0.15	3.07 3.07 3.07	1.64 1.87 2.25	1.66 1.92 2.2	33.42 33.42 33.42	1000	<1400 1400- 2000 >2000	-1972 1977
0.09 0.11 0.14	2.84 2.84 2.84	1.50 1.72 2.97	1.39 1.68 2.13	28.44 28.44 28.44	1000	<1400 1400- 2000 >2000	-1978 1980
0.09 0.11 0.14	2.84 2.84 2.84	1.64 1.87 2.25	1.39 1.68 2.13	23.4 23.4 23.4	1000	<1400 1400- 2000 >2000	-1981 1984
0.09 0.11 0.14	2.23 2.23 2.23	1.50 1.78 2.51	1.27 1.62 1.85	15.73 15.73 15.73	1000	<1400 1400- 2000 >2000	-1985 1992

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Total Suspended (TSP)

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Particulate

(0 .1 – 0 05)

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CO²

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110	
98	
93	
70	
97	

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70

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% 95

500 – 200

% 30

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350	160			1983	
300	115			1984	
700	140			1980	
700	235			1981	
300	125			1983	
1000	60			1977	
0	0			0	
700	0			1981	
0	0			0	
555	370			1981	

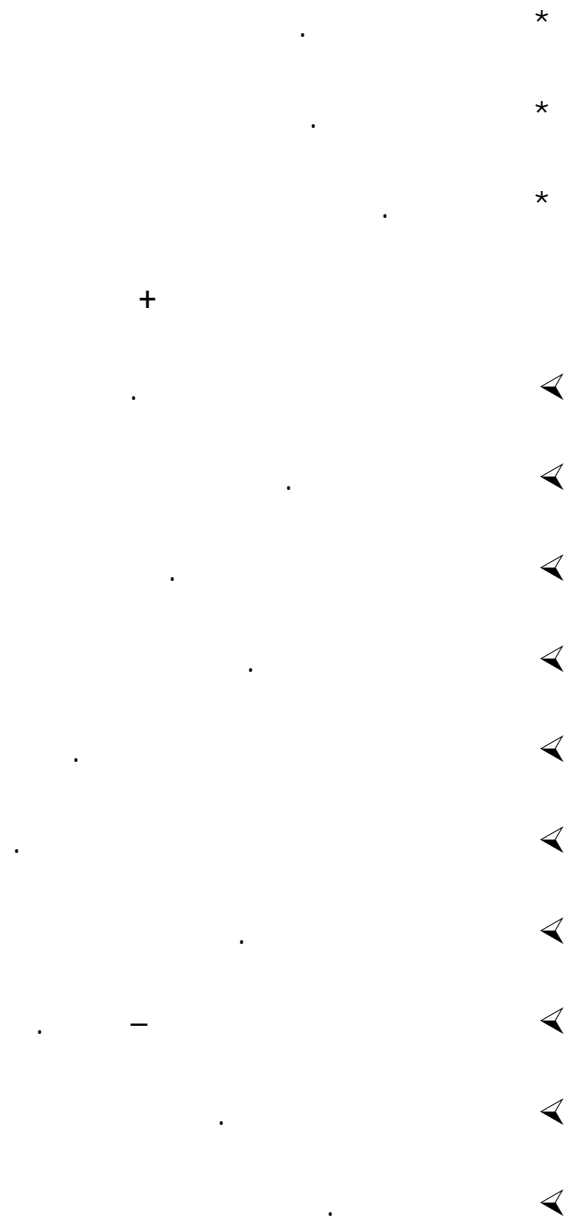
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An-Najah National University
Faculty of Graduate Studies

Environmental Status of Jenin District

Prepared by
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Supervisor
Dr. Ahmad Ra'fat Ghadih

*Submitted in Partial Fulfillment of the Requirements for the Degree of
Master in Geography, Faculty of Graduate Studies, at An-Najah
National University, Nablus, Palestine*
2005

Environmental Status of Jenin District

Prepared by
Waleed Sa'eed Hussin Saqr
Supervisor
Dr Ahmad Ra'fat Ghadih

Abstract

Environment is considered one of the important sides in human life, especially in the modern age, man started to have an interest in the environment in which he lives.

The research discussed the environmental status in Jenin District which is considered one of Palestine Districts which is distinguished by its many assembles, this district is also distinguished by being agricultural in the first place. The research discussed the situation in this district from the human, and the natural sides such as location, history, the climate, geology and soil, agricultural situation, waters and their resources, education, transportation, economy and demographic situation .

The research treats the problem of the lack of environmental enlightenment of the inhabitants, and it highlights the importance of environment to human beings, and the manner to maintain and keep it, and it also highlights the most sources of pollution in the district, and the manner to minimize this problem and to enlighten the inhabitants of the danger of these pollutants and their effects on human health and environment.

The research aims at studying the environmental situation in the district, and it aims at knowing the sources of pollution and their effects on the district, in addition to showing the degree of pollution in the district,

and studying the inhabitants wrong behavior towards environment and their effect on causing pollution, and enlightening them .

The researcher used the method of the generate theoretical frame through recognizing the history and geography of the district . And the method of getting information related to the study such as statistics, data personal interviews, personate observations, field study, photos and analysis of the existed situation .

The results of the research showed that the economical, social and demographical features have a great effect in increasing the size of pollution.

And that the morphology of Jenin district plays a role in the nature of land use distribution .And the quantity of solid waste increases in the dry season more than the humidity season .

The results also showed that the waste differs from a place to an other according to location . And that the house solid waste occupyes the first place of waste And that the climate circumstances in creasing pollution in winter. And the unsuitability of waste places regarding inhabitant's areas.

And finally the results showed that the district is a victim of pollution in all its kinds.

